

Public Community Water Supplies in New Jersey with Naturally Occurring Fluoride at or near Optimal Concentrations¹

August 2003

COUNTY	PWID NUMBER	WATER PURVEYOR	COMMUNITY SERVED	FLUORIDE RANGE (ppm)	ESTIMATED FLUORIDATED POPULATION
Gloucester	0802001	Deptford Township MUA	Deptford Township	0.34 – 1.55	26,763
	0806001	Glassboro Water Department	Glassboro Borough	1.41 - 1.93	19,068
	0808001	South Jersey Water Supply	Harrison Township	0.39 – 1	8,788
	0810004	Mantua Township MUA	Mantua Township	0.2 – 1.75	11,713
	0815001	Pitman Water Department	Pitman Borough	1.68 - 2	9,331
	0818004	Washington Township MUA	Washington Township	0.2 - 2.08	47,114
	0819001	Wenonah Water Department	Wenonah Borough	1.27 - 1.39	2,317
	0820001	West Deptford Township Water Department	West Deptford Township (part) ²	See footnote	<19,368
	0822001	Woodbury City Water Department	Woodbury City	0.39 - 1.88	10,307
Morris	1407001	AMW Four Seasons @ Chester	Chester (part)	1.4	140
	1415001	Fayson Lakes Water Company	Kinnelon Borough (part)	1.2 – 4	3,010
Passaic	1615016	West Milford Township MUA (Olde Milford) <i>Facility 05 only</i>	West Milford Township (part)	0.9-1.0	---
Salem	1715001	Woodstown Water Department	Pilesgrove Township	0.2 - 2.56	3,923
			Woodstown Borough		3,136
Sussex	1922003	United Water Vernon Hills (Aspen Woods)	Vernon Township (part)	1.5-2.43	140
	1922014	Great Gorge Terrace Assn.	Vernon Township (part)	1.25	88
	1922028	Valley View Apartments	Vernon Township (part)		40
		<i>Facility 01</i> <i>Facility 02</i>		0.66 – 2.34 2.34	

¹ The maximum contaminant level for naturally occurring fluoride is 4 parts per million (ppm), and the recommended upper limit for fluoride – adjusted (added) water supplies is 2 ppm. Fluoride is added to strengthen tooth enamel chemical structure and to reduce tooth decay (dental caries). The optimal concentration of fluoride in New Jersey drinking water is 0.9 ppm in the southern part of the State, and 1.0 ppm in the northern part of the State, with an acceptable range of 0.8 – 1.4 ppm (southern) and 0.9 – 1.5 ppm (northern).

² West Deptford Township Water Department (natural fluoride concentrations in water, range from 1.05 – 1.37 ppm) purchases water from New Jersey American Water Company to supplement their ground water supplies. Currently, this purchased water is delivered to three of the six treatment plants and is blended with the naturally fluoridated water from the West Deptford Township Water Department. The water delivered to customers from these three plants contains sub-optimal concentrations of fluoride (concentrations range from 0.57 – 0.76 ppm).